

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

Appl. No. : 10/566,556  
Applicants : Josephus Arnoldus KAHLAN et al.  
Filed : 27 January 2006  
TC/A.U. : 1641  
Confirmation : 6157  
Examiner : DO, Pensee T.  
Atty. Docket : NL030949

Title: ON-CHIP MAGNETIC PARTICLE SENSOR WITH IMPROVED SNR

**AMENDMENT and/or RESPONSE under 37 C.F.R. § 1.111**

U.S. Patent and Trademark Office  
Customer Window, Mail Stop **Amendment**  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

In response to the non-final Office action of 22 December 2008, please amend the above referenced application as follows and reconsider the application in light of the following remarks.

**This paper includes** (each beginning on a separate sheet):

- 1. Amendments to the claims;**
- 2. Remarks/Discussion of issues.**